



Deepwater Horizon Incident, Gulf of Mexico

Region 6 REOC Update

Subject: Region 6 Update # 31
Deepwater Horizon Incident, Gulf of Mexico
Date: May 28, 2010
To: Incident Command
Thru: Planning Section
From: Situation Unit
Operational Period: May 28, 2010 0700 – May 31, 2010 0700
Reporting Period: May 27, 2010 1300 – May 28, 2010 1300

1. Background

Site Name: Deepwater Horizon Incident **FPN#:** N10036
Mobilization Date: 4/27/2010 **Start Date:** 4/28/2010

2. Current Situation

- The incident status summary as reported in the BP Situation Executive Summary as of 0600 on 5/28:
 - 16,441 personnel and 1,301 offshore vessels are currently responding to the incident.
 - Over 1.81 million feet of containment boom and 1.50 million feet of sorbent boom have been deployed.
 - Over 280,000 barrels of an oil-water mix have been recovered.
 - On 5/27, 13 controlled burns were conducted. A cumulative total of 87 controlled burns have been conducted.
 - On 5/27, BP continued Top Kill operations.
 - On 5/28, BP plans to continue subsurface dispersant injection.

Summary of Dispersant Data (from UC Situation Executive Summary)

	TOTALS for 5/27 (gal.)	CUMULATIVE TOTALS as of 5/27 (gal.)
Surface	200	707,017
Subsurface	14,400	169,836

2.1 (USCG) Incident Command Post (Houma, LA).

- On 5/27, the EPA Data Management Unit processed data for three SMART reports and posted them to NOAA FTP Site.
- The EPA Region 6 Regional Administrator will be in Houma on 5/28 for a meeting with BP concerning waste management.

2.2 (USCG) Area Command Post (Robert, LA)

- On 5/27, EPA attended the second day of a meeting entitled “Deepwater Horizon Dispersant Use” hosted by the Coastal Response Research Center (CRRC) in Baton Rouge, LA.

2.3 Air Monitoring/Sampling

- EPA continues to conduct air monitoring and sampling in Venice operations area (VOCs and Particulates):
 - Venice, LA - 29.25274 N, 89.35750 W - V02;
 - Boothville, LA - 29.31449 N, 89.38433 W - V03;
 - Fort Jackson, LA – 29.35699 N, 89.45487 W - V05.
- EPA continues to conduct air monitoring and sampling in Chalmette operations area (VOCs and Particulates):
 - Poydras, LA – 29.86609, -89.89108 - C02 - located at Fire Station number 8;
 - Chalmette, LA - 29.96082, -90.00132 - C04 - located at Fire Station on Aycock St.
 - Hopedale, LA, - 29.84049, -89.68980 - C05 - located at Fire Station number 11.
- Each air monitoring location has 4 pieces of air equipment:
 - EBAM (Particulate Monitors) - equipment has replaced DataRAM's;
 - AreaRae/MultiRae - monitoring VOCs;
 - PQ200 - samples for PM2.5;
 - SUMMA Canisters per location - sample for VOCs.
- Air monitoring/sampling stations are monitored throughout the day (24 hours) for immediate reporting of any elevated VOC or particulate levels. The maximum reading is reported to the OSC at the Mobile Command Posts in Venice and Chalmette.
- Real-time air monitoring data from midnight to midnight each day is reviewed for field QA and uploaded into SCRIBE by 1200 each day and available to EPA Headquarters, REOC, and external response partners.
- The Chalmette air team collected 2 Summa canisters from the Fourchon and Grand Isle area. Another set of canisters were placed, the first is located on Grand Isle, LA at the Grand Isle State Park on the eastern end of the island; the second is located at Fourchon Beach, Fourchon, LA
- No air monitoring exceedences were noted during this reporting period.

EPA summary of air monitoring/sampling activities:

Air Monitoring & Samples	DataRAM (PM10)	AreaRae	SUMMA Canisters	PM2.5	TOTALS FOR 5/27
Venice	3 locs/24-hr	3 locs/24-hr	3	3	6
Chalmette	3 locs/24-hr	3 locs/24-hr	5	3	8
TOTAL TO DATE	6 locs/24-hr	6 locs/24-hr	285	162	

*QAQC samples not included in sample count

2.4 Water/Sediment Sampling

- EPA continues to conduct water sampling at locations provided by EPA Headquarters and selected through National Coastline Condition Assessment (NCCA) program. The NCCA sample locations are sampled every four years by state agencies with U.S. Coastlines. Sample parameters and locations were also selected in coordination with the EPA Region 6 Water Quality Division.
- Representatives from the Water Division and the REOC Environmental Units from R6 and R4 conduct a conference call three times a week with the HQ EOC to discuss the coordination and consistency of water and sediment sampling across the Deepwater Horizon Incident Response.
- The Cocodrie Water Operations Team conducted operations in the Terrebonne, Timbalier, and Barataria Bays areas. On 5/27, the team collected three water samples and one oil sample from locations in this area.
- On 5/27, the Venice Water Operations Team collected samples from areas heavily impacted by oil near the Southeast Pass and Pass A Loutre areas. The team collected 7 water samples and 2 oil samples from locations along the shoreline west of Venice, LA.
- On 5/28, the Venice Water Operations Team will divide into two separate teams. Water Sampling Team 1 will focus on areas heavily impacted by oil near the South Pass and Pass A Loutre areas, and continue reconnaissance for more oil impacted areas. Water Sampling team 2 will focus on heavily impacted oil areas near Chandeleur Island.

EPA summary of water/sediment activities:

Water/Sediment Samples	Water	Sediment	TOTALS FOR 5/27
Venice	9	0	5
Chalmette	4	0	0
TOTAL TO DATE	157	71	

*QAQC samples not included in sample count

2.5 TAGA

- On 5/27, TAGA performed mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, in Southern LA from the Stennis Space Center to Hopedale, LA. All observed OD-00 and OD-27 indicator compounds were associated with a point source. EPA Region 6 personnel and members of non-governmental environmental organizations also traveled with the TAGA.
- TAGA plans to perform mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, on 5/28 in Southern MS and AL from the Stennis Space Center to Dauphin Island, AL.

2.6 ASPECT

- On 5/27, ASPECT reported the presence of oil on water approximately 10 miles south of Long Beach, LA. ASPECT also reported oil on shorelines and on water approximately 10 miles west of Venice, LA, on the western shore of East Bay, and on the west central side of East Bay
- On 5/27, ASPECT noted that no drilling mud was visible near the rig location.
- On 5/28, ASPECT noted heavy oil approximately 50 miles ESE of Venice, LA. ASPECT also noted drilling mud visible at the surface near the rig.
- On 5/28, ASPECT is grounded for routine maintenance.

2.7 Water Quality Protection Division Update

- A Water Quality Protection Division situation update is attached.

3. EPA Assets

3.1 Current Assets Deployed

- Activated in Dallas, TX
 - REOC activated
 - SRICT activated
 - RRT activated

Deployed Personnel

Personnel	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
EPA								
- OSC	3		1		3	1		8
- RSC	5	1	1					7
- PIO		3						3
- Other	3	2	1	1				7
START	5				13	15		33
ERT Contractor								
TAGA Personnel							5	5
ASPECT Personnel							4	4
Other								
TOTALS	16	6	3	1	16	16	9	67

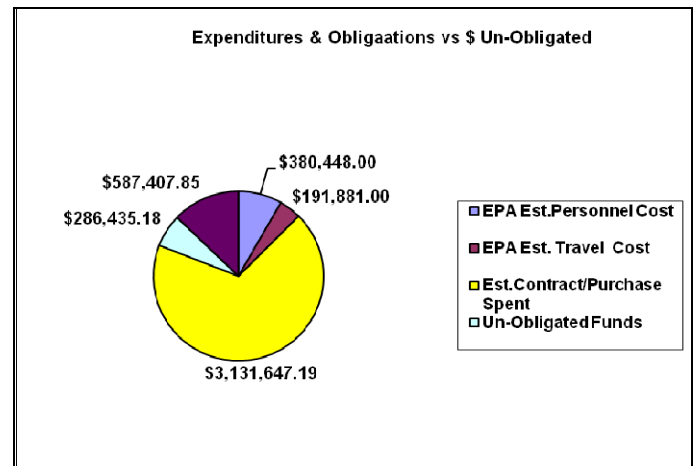
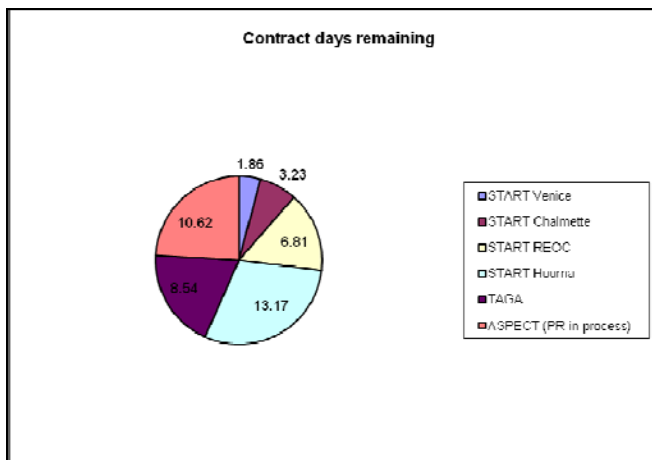
Deployed Equipment

Equipment	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
Mobile Command Post						1		1
ASPECT							1	1
TAGA Bus							1	1
LRV		1			1			2
Gooseneck Trailer						1		1
20 KW Generator						1		1
Dually Truck (R7)					1			1
Boat (R7)					1			1

* One TAGA bus has been assigned to Region 4 Operations

4. Daily Cost Estimates

	Authorized Ceiling	EPA Est. Personnel Cost	EPA Est. Travel Cost	Estimated Contract/Purchase Spent	TOTAL Estimated Expenditures	Balance (Ceiling minus Expenditures)	TOTAL Contract/Purchase OBLIGATIONS.		Est. Daily Burn Rate	Un-Obligated Dollars Remaining	Dollars Obligated Not Spent
USCG PRFA FPN N10036 \$5,178,429 Total \$1,000,000 4/28/10 \$4,000,000 5/05/10 \$178,429.10 5/19/10	\$4,577,819	\$380,448	\$191,881	\$3,131,647	\$3,703,976	\$873,843	\$3,719,055		\$144,441	\$286,435	\$587,408
TOTAL OPA FUNDED	\$4,577,819	\$380,448	\$191,881	\$3,131,647	\$3,703,976	\$873,843	\$3,719,055		\$144,441	\$286,435	\$587,408
Region 6 Indirect Rate 13.12%	\$600,610										
Louisiana Total	\$5,178,429	\$380,448	\$191,881	\$3,131,647	\$3,703,976	\$873,843	\$3,719,055		\$144,441	\$286,435	\$587,408

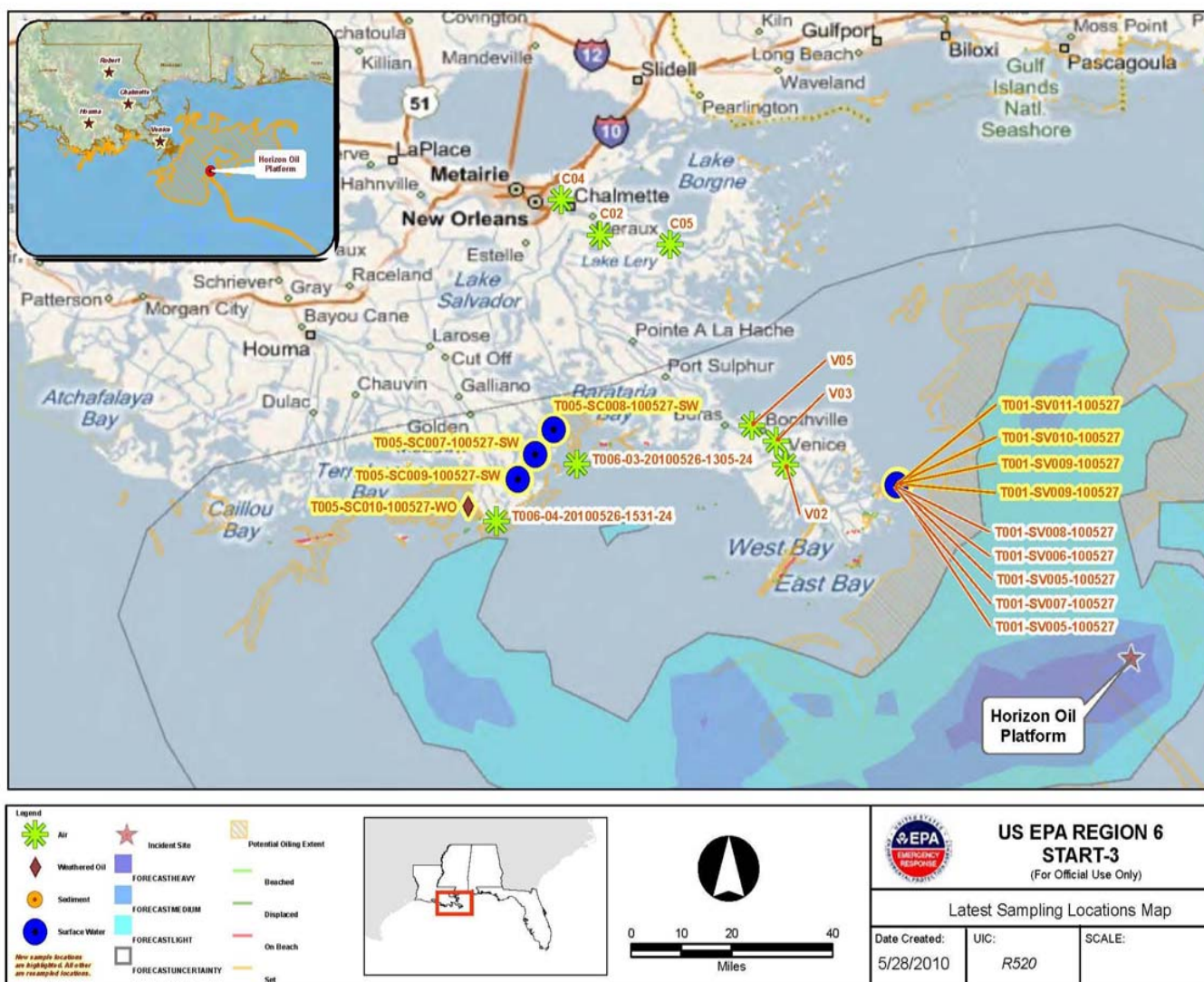


- Region 6 has requested an increase in the PRFA from USCG, however USCG is near the limits of their emergency funding and must request congressional approval to tap the main fund. Therefore all PRFA increase requests have been temporarily placed on hold. Region 6 is currently operating on limited funds and has evaluated several options for continued funding of field operations. Based upon current burn rates funds were reallocated between TDDs to provide at least 6 days of operations for each funding category. Additionally, remaining unobligated funds have been obligated to contracts. Region 6 is also in discussions with NPFC to redirect funds currently on the Region 6 IA to the Deepwater Horizon Response.



Figure 1 View operations in the REOC on 5/28.

Monitoring/Sampling Locations



Nearshore Surface Oil Forecast Deepwater Horizon MC252

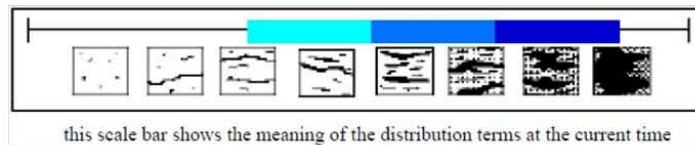
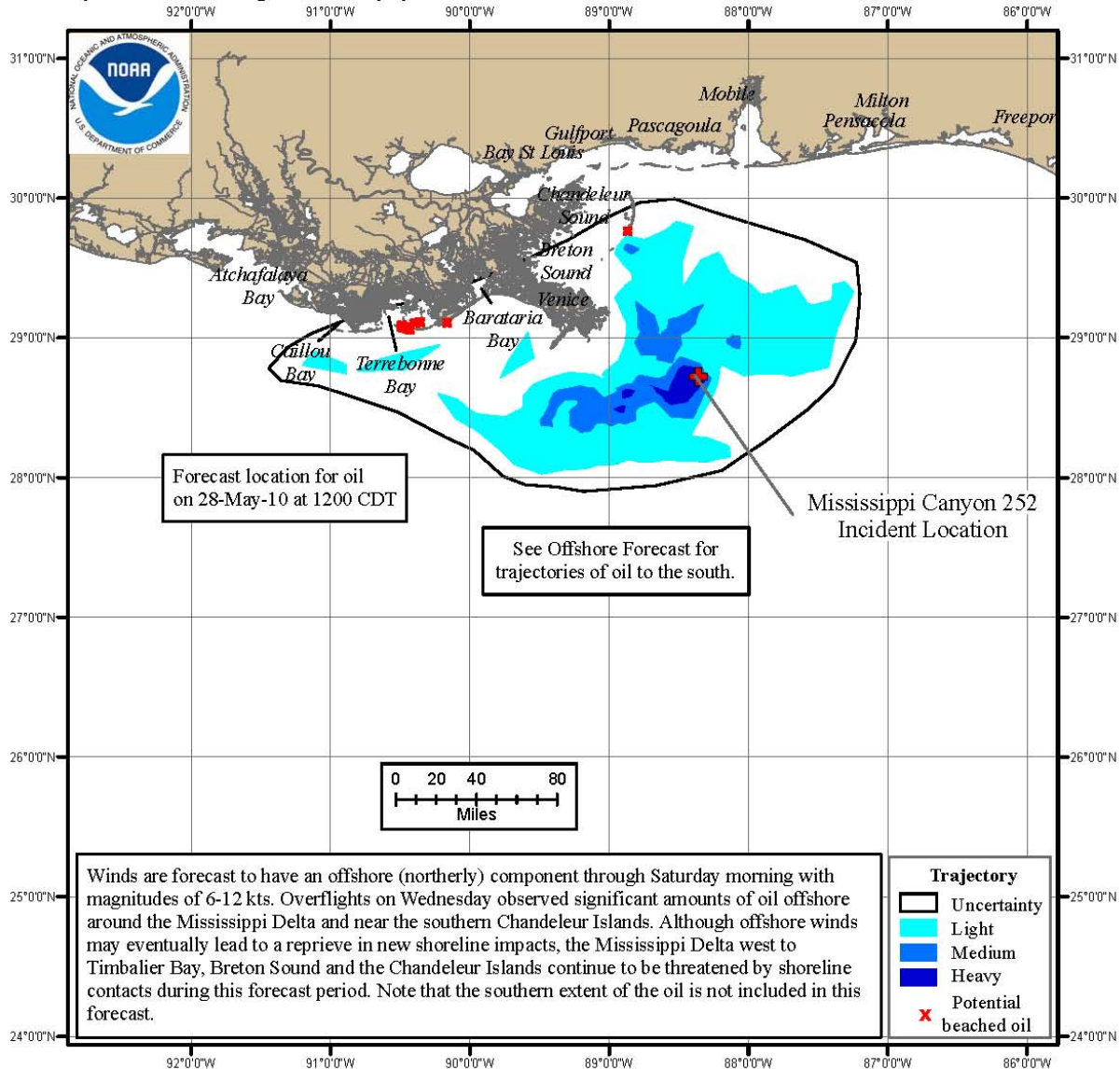
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Friday, 5/28/10

Date Prepared: 2100 CDT, Thursday, 5/27/10

This forecast is based on the NWS spot forecast from Thursday, May 27 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TAMU/TGLO, NAVO/NRL) and HFR measurements. The model was initialized from Thursday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



Next Forecast:
May 28th PM